

PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 7

Complete If Known

Application Number	09/982,406
Filing Date	October 17, 2001
First Named Inventor	White, et al.
Art Unit	3652
Examiner Name	James W. Keenan
Attorney Docket Number	AMAT/6199/DISPLAY/AHRDWR/RKK

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
JK	A1	US-6,811,680	11/02/2004	Chen, et al.	
	A2	US-6,776,693	08/17/2004	Duboust, et al.	
	A3	US-6,726,823	04/27/2004	Wang, et al.	
	A4	US-6,677,594	01/13/2004	Young	
	A5	US-6,638,863	10/28/2003	Wang, et al.	
	A6	US-6,630,059	10/07/2003	Uzoh, et al.	
	A7	US-6,585,579	07/01/2003	Jensen, et al.	
	A8	US-6,572,463	06/03/2003	Xu, et al.	
	A9	US-6,569,004	05/27/2003	Pham	
	A10	US-6,561,889	05/13/2003	Xu, et al.	
	A11	US-6,551,179	04/22/2003	Halley	
	A12	US-6,537,144	03/25/2003	Tsai, et al.	
	A13	US-6,520,843	02/18/2003	Halley	
	A14	US-6,517,426	02/11/2003	Lee	
	A15	US-6,497,800	12/24/2002	Talieh, et al.	
	A16	US-6,482,307	11/19/2002	Ashjaee, et al.	
	A17	US-6,475,332	11/05/2002	Boyd, et al.	
	A18	US-6,471,847	10/29/2002	Talieh, et al.	
	A19	US-6,447,668	09/10/2002	Wang	
	A20	US-6,440,295	08/27/2002	Wang	
	A21	US-6,431,968	08/13/2002	Chen, et al.	
	A22	US-6,428,394	08/06/2002	Mooring	
	A23	US-6,413,403	07/02/2002	Lindquist, et al.	
	A24	US-6,413,388	07/02/2002	Uzoh, et al.	
	A25	US-6,409,904	06/25/2002	Uzoh, et al.	
	A26	US-6,406,363	06/18/2002	Xu, et al.	
	A27	US-6,402,591	06/11/2002	Thornton	
	A28	US-6,395,152	05/28/2002	Wang	
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	A30	US-6,386,956	05/14/2002	Sato, et al.	
	A31	US-6,381,169	04/30/2002	Bocian, et al.	
	A32	US-6,368,184 B1	04/09/2002	Beckage	
	A33	US-6,331,135	12/18/2001	Sabde, et al.	
✓	A34	US-6,328,872	12/11/2001	Talieh, et al.	

Examiner
Signature

J. Keenan

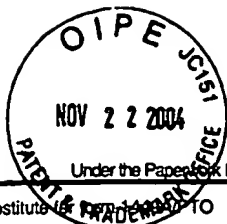
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Sheet 2 of 7

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Filing Date	October 17, 2001
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Art Unit	3652
Examiner Name	James W. Keenan
Attorney Docket Number	AMAT/6199/DISPLAY/AHRDWR/RKK

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		Number - Kind Code ² (if known)			
J/K	A35	US-6,328,642	12/11/2001	Pant, et al.	
	A36	US-6,297,159	10/02/2001	Paton	
	A37	US-6,273,798	08/14/2001	Berman	
	A38	US-6,261,959	07/17/2001	Travis, et al.	
	A39	US-6,261,168	07/17/2001	Jensen, et al.	
	A40	US-6,251,235	06/26/2001	Talieh, et al.	
	A41	US-6,248,222 B1	06/19/2001	Wang	
	A42	US-6,244,935	06/12/2001	Birang, et al.	
	A43	US-6,238,592	05/29/2001	Hardy, et al.	
	A44	US-6,238,271	05/29/2001	Cesna	
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	A46	US-6,222,337	04/24/2001	Kroeker, et al.	
	A47	US-6,210,257	04/03/2001	Carlson	
	A48	US-6,183,354	02/06/2001	Zuniga, et al.	
	A49	US-6,176,992 B1	01/23/2001	Talieh	
	A50	US-6,171,467	01/09/2001	Weihs, et al.	
	A51	US-6,159,079	12/12/2000	Zuniga, et al.	
	A52	US-6,156,124	12/05/2000	Tobin	
	A53	US-6,153,043	11/28/2000	Edelstein, et al.	
	A54	US-6,116,998	09/12/2000	Damgaard, et al.	
	A55	US-6,103,096	08/15/2000	Datta, et al.	
	A56	US-6,090,239	07/18/2000	Liu, et al.	
	A57	US-6,082,950	07/04/2000	Altwood, et al.	
	A58	US-6,077,337	06/20/2000	Lee	
	A59	US-6,066,030	05/23/2000	Uzoh	
	A60	US-6,056,851	05/02/2000	Hsieh, et al.	
	A61	US-6,033,293	03/07/2000	Crevasse, et al.	
	A62	US-6,024,630	02/15/2000	Shendon, et al.	
	A63	US-6,020,264	02/01/2000	Lustig, et al.	
	A64	US-6,017,265	01/25/2000	Cook, et al.	
	A65	US-6,010,395	01/04/2000	Nakajima	
	A66	US-6,004,880	12/21/1999	Liu, et al.	
✓	A67	US-6,001,008	12/14/1999	Fujimori, et al.	

Examiner Signature

J. Keenan

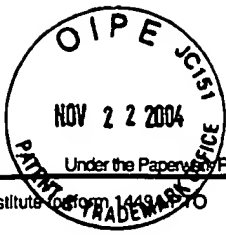
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Sheet 3 of 7

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Filing Date	October 17, 2001
First Named Inventor	White, et al.
Art Unit	3652
Examiner Name	James W. Keenan
Attorney Docket Number	AMAT/6199/DISPLAY/AHRDWR/RKK

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		Number - Kind Code ² (if known)			
JK	A68	US-5,938,801	08/17/1999	Robinson	
	A69	US-5,931,719	08/03/1999	Nagahara, et al.	
	A70	US-5,911,619	06/15/1999	Uzoh, et al.	
	A71	US-5,893,796	04/13/1999	Birang, et al.	
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	A76	US-5,804,507	09/08/1998	Perlov, et al.	
	A77	US-5,738,574	04/14/1998	Tolles, et al.	
	A78	US-5,624,300	04/29/1997	Kishil, et al.	
	A79	US-5,578,362	11/26/1996	Reinhardt, et al.	
	A80	US-5,575,706	11/19/1996	Tsai, et al.	
	A81	US-5,567,300	10/22/1996	Datta, et al.	
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	A83	US-5,534,106	07/09/1996	Cote, et al.	
	A84	US-5,520,473	05/28/1996	Durham	
	A85	US-5,478,435	12/26/1995	Murphy, et al.	
	A86	US-5,257,478	11/02/1993	Hyde, et al.	
	A87	US-5,225,034	07/06/1993	Yu, et al.	
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	A91	US-4,956,056	09/11/1990	Zubatova, et al.	
	A92	US-4,954,141	09/04/1990	Takiyama, et al.	
	A93	US-4,934,102	06/19/1990	Leach, et al.	
	A94	US-4,839,993	06/20/1989	Masuko, et al.	
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	A101	US-4,108,455	08/22/1978	James	
	A102	US-3,873,512	03/25/1975	Latanision	
	A103	US-3,448,023	06/03/1969	R. M. Bell	

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J. Keenan

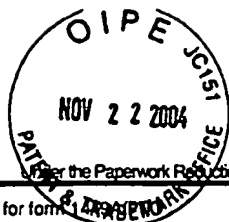
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 7

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Application Number	09/982,406
Filing Date	October 17, 2001
First Named Inventor	White, et al.
Art Unit	3652
Examiner Name	James W. Keenan
Attorney Docket Number	AMAT/6199/DISPLAY/AHRDWR/RKK

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		Number - Kind Code ² (if known)			
JK	A104	US-3,162,588	12/22/1964	R. M. Bell	
	A105	US-2003/0213703	11/20/2003	Wang, et al.	
	A106	US-2003/0150079	08/14/2003	Takal, et al.	
	A107	US-2003/0116446	06/26/2003	Duboust, et al.	
	A108	US-2003/0116445	06/26/2003	Sun, et al.	
	A109	US-2003/0114087	06/19/2003	Duboust, et al.	
	A110	US-2003/0034131	02/20/2003	Park, et al.	
	A111	US-2002/0130634	09/19/2002	Ziemkowski, et al.	
	A112	US-2002/0130049	09/19/2002	Chen, et al.	
	A113	US-2002/0123300	09/05/2002	Jones, et al.	
	A114	US-2002/0119286 A1	08/29/2002	Chen, et al.	
	A115	US-2002/0108861	08/15/2002	Emesh, et al.	
	A116	US-2002/0088715	07/11/2002	Talieh, et al.	
JK	A117	US-2002/0077037	06/20/2002	Tietz	
	A118	US-2002/0070126	06/13/2002	Sato, et al.	
	A119	US-2002/0025763	02/28/2002	Lee, et al.	
	A120	US-2002/0025760	02/28/2002	Lee, et al.	
	A121	US-2002/0020621	02/21/2002	Uzoh, et al.	
	A122	US-2002/0011417	01/31/2002	Talieh, et al.	
	A123	US-2002/0008036	01/24/2002	Wang	
	A124	US-2001/0042690	11/22/2001	Talieh	
	A125	US-2001/0040100	11/15/2001	Wang	
	A126	US-2001/0036746	11/01/2001	Sato, et al.	
	A127	US-2001/0035354	11/01/2001	Ashjaee, et al.	
	A128	US-2001/0027018	10/04/2001	Molnar	
JK	A129	US-2001/0024878	09/27/2001	Nakamura	
	A130	US-2001/0005667 A1	06/28/2001	Tolles, et al.	

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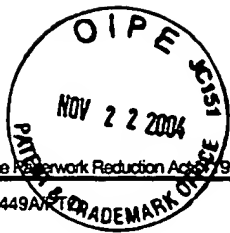
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
✓	B1	EP 1 368 826 A1	12/10/2003	Chen, et al.		
✓	B2	EP 0 455 455 A2	04/29/1991	Miller		
✓	B3	EP 0 325 753 A2	12/13/1988	Kaanta		
✓	B4	JP 2001-77117A	02/17/2004	Takeshi, et al.		
✓	B5	JP 2001-179611 (abstract)	07/03/2001	Yasuaki		
✓	B6	JP 2000-353737 (abstract)	12/19/2000	Toray, Ind, Inc.		
✓	B7	JP 2000-183146 (abstract)	06/30/2000	Ibiden Co, Ltd.		
✓	B8	JP 11130249 (abstract)	05/18/1999	Satoshi, et al.		
✓	B9	JP 11042554	02/16/1999	Sato Uichi		
✓	B10	JP 09293684	11/11/1997	Toshiba, Corp.		
✓	B11	JP 817753	01/19/1996	Makoto, et al.		
✓	B12	JP 04024943 (abstract)	01/28/1992	Mitsubishi		
✓	B13	JP 2121347 (abstract)	05/09/1990	Nobuyuki		
✓	B14	JP 62193139	08/25/1987	Cannon, Inc.		
✓	B15	KR2003-037158	05/12/2003	Cho, et al.		
✓	B16	SU 16/18538 (abstract)	01/07/1991	Vladimir		
✓	B17	WO 99/65072	12/16/1999	Adams, et al.		
✓	B18	WO 99/53119	10/21/1999	Wang		
✓	B19	WO 99/41434	08/19/1999	Wang		
✓	B20	WO 98/49723	11/05/1998	Kaisaki, et al.		
✓	B21	WO 03/001581	01/03/2003	Lee, et al.		
✓	B22	WO 02/23616	03/21/2002	Wang		
✓	B23	WO 02/075804 A2	09/26/2002	Chen, et al.		
✓	B24	WO 02/064314 A1	08/22/2002	Emesh, et al.		
✓	B25	WO 01/88954	11/22/2001	Ashjaee, et al.		
✓	B26	WO 01/88229	11/22/2001	Wang		
✓	B27	WO 01/71066	09/27/2001	Talieh, et al.		
✓	B28	WO 01/63018	08/30/2001	Uzoh, et al.		
✓	B29	WO 01/52307	07/19/2001	Uzoh, et al.		
✓	B30	WO 01/49452 A1	07/12/2001	Beckage		
✓	B31	WO 01/13416	02/22/2001	Uzoh, et al.		

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Substitute for form INVENTION & TRADEMARK INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	09/982,406
				Filing Date	October 17, 2001
				First Named Inventor	White, et al.
				Art Unit	3652
				Examiner Name	James W. Keenan
				Attorney Docket Number	AMAT/6199/DISPLAY/AHRDWR/RKK
Sheet	6	of	7		

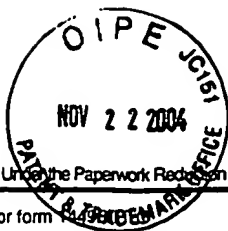
[illegible]

Examiner Signature	J. Keenan	Date Considered	3/1/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 7

of

7

Complete if Known

Application Number	09/982,406
Filing Date	October 17, 2001
First Named Inventor	White, et al.
Art Unit	3652
Examiner Name	James W. Keenan
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
✓ JK	C1	Communication pursuant to Article 96(2) EPC for Application No. 02728965.4, dated June 11, 2004 (AMAT/4100.EP)	
✓	C2	Communication pursuant to Article 96(2) EPC; Application No. 02 801 637.6 - 1235 dated 08/27/2004	
✓	C3	Contolini, "Electrochemical Planarization of ULSI Copper," Solid State Technology, Vol. 40, No. 6, June 1, 1997	
✓	C4	Alexander, Jr., "Electrically Conductive Polymer Nanocomposite Materials", http://www.afrhorizons.com/Briefs/Sept02/ML0206.html printed 02/19/2003	
✓	C5	European Search Report for 03252801.0, dated January 16, 2004 (AMAT/7047.EP)	
✓	C6	Nogami; <i>An Annovation to Integrate Porous Low-k Materials and Copper</i> ; InterConnect Japan 2001; Honeywell Seminar December 6, 2001; Pages 1 - 12	
✓	C7	PCT Search Report dated February 25, 2003 for PCT/US02/11009.	
✓	C8	PCT Written Opinion for International Application US/02/11009 dated April 10, 2002	
	C9		
	C10		
	C11		
	C12		
	C13		
	C14		

Examiner Signature	S. Keenan	Date Considered	3/1/05
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